This report is required by law (7 USC 2143). Failure to report according to the regulations can result in an order to cease and desist and to be subject to penalties as provided for in Section 21 See attached form for additional information

Interagency Report Control No.: 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. CERTIFICATE NUMBER: 42-R-0002

3200 Grand Ave

CUSTOMER NUMBER: 1574

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

Des Moines University - Osteopathic Medical Center

Telephone:

(515)271-1520

Des Moines, IA 50312

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites) - See Atached Listing Animal Care Facility, Building 5, Des Moines University-Osteopathic Medical Center

A. Animale Covered By The Animal Welfare Regulations	В.	Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	c.	Number of animals upon which teaching, resourch, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D.	Number of animals upon which experiments, teaching, research, strigery, or leads were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E	Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report.).	F. TOTAL NUMBER OF ANIMALS (COLUMNS C + D + E)
4. Dogs						64			64
5. Cats						Ó			0
6. Guinea Pigs									
7. Hamsters									
8. Rabbits									
9. Non-human Primates									· · · · · · · · · · · · · · · · · · ·
0. Sh oo p									
1. Pigs						2			2
2. Other Farm Animals									
3. Other Animals									
ASSURANCE STATEMENTS									

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesteric, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report, in addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending vereninarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

	CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL		
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See attached form for additional information 2006 Interagency Report Control No.:

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

All redactions on this page are pursuant to (b)(6) & (b)(7)(c)

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

1. CERTIFICATE NUMBER: 42-R-0003

CUSTOMER NUMBER: 1575

FORM APPROVED OMB NO. 0579-0038

Iowa State University 1426 Vet Med

Ames, IA 50011

Telephone: (515)294-8507

FACILITY LOCATIONS (Sites) - See Atached Listing

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

Attn:

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report.).	F. TOTAL NUMBE: OF ANIMALS (COLUMNS C + D + E)
4. Dogs	60	385	*658	0	1043
5. Cats	0	41	*310	0	351
6. Guinea Pigs	0	0	* 20	0	20
7. Hamsters	0	80	0	0	80
8. Rabbits	0	95	25	0	120
9. Non-human Primates	0	0	0	0	0
0. Sheep	0	41	62	0	103
1. Pigs	0	40	39	0	79
2. Other Farm Animals					
Cattle	0	128	0	0	128
3. Other Animals					
Brazilian sho tailed Opossu	ì	0	56	0	56
Ferrets	0	2	3	0	5
Gerbils	0	8	0	0	8

ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official)

I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)

DATE SIGNED

APHIS FORM 7023

(Replaces VS FORM 18-23 (OCT 88), which is obsolete.)

SIGN

*Totals include 252 dogs, 292 cats and 10 guinea pigs belonging to humane societies. Thesa animals were spayed/neutered and returned to the humane Societies.

See reverse side for additional information.

Interagency Report Control No. 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

All redactions on this page are pursuant to (b)(6) & (b)(7)(c).

CONTINUATION SHEET FOR ANNUAL REPORT OF RESEARCH FACILITY :(TYPE OR PRINT) 1. REGISTRATION NO.

42-R-003

FORM APPROVED OMB NO. 0579-0035

 HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

Iowa State University 1426 Vet. Med.

Ames, Iowa 50011

Attn:

Animals Covered By The Animal Wellare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such	C Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report).	TOTAL NO OF ANIMA (Cols. C D + E)
(List by species)	purposes.	relieving drugs.	used.	must be attached to this report.	14
orses Goats	0	7	0	0	7
Chinchillas	0	2	0	0	2
ledgehogs	0	1	3	0 .	4
Frags	0	171	72	0	243
Fish	0	60	8	0	68
Turtles '	0	116	48	0	164
Salamanders	0	60	0	0	60
•					

1). Professionally acceptable standards governing the care, treatment, and use of animals, including approriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.

2). Each principal investigator has considered alternatives to painful procedures.

3). This lacility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.

4). The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official)

I certify that the above is true, correct, and complete (7 U.S.C. Section 2143).

SIGNA

This report is required by law (7 USC 2143). Failure to report according to the regulations can rest?! (in, an order to ceste and desist and to be subject to penalties as provided for in Section 21

See attached form for additional information. Interagency Report Control No.: 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. CERTIFICATE NUMBER: CUSTOMER NUMBER:

42-R-0004 1576

FORM A PROVED OMB NO. 0579-0036 arı

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

Animal Care Unit University Of Iowa

NOV 16 2000

NOV 29 2000 Telephone:

400 Medical Laboratories

(319)335-7985

lowa City, IA 52242

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites) - See Atached Listing

Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report).	TOTAL NUMBER OF ANIMALS (COLUMNS C + D + E)
4. Dogs	3		199		199
5. Cats	3	1	125		126
6. Guinea Pigs			39		39
7. Hamsters	75	187	82		269
8. Rabbits	30	20	887		907
9. Non-human Primates	7		9		9
0. Sheep	5		110		110
1. Pigs		3	163		166
2. Other Farm Animals					
3. Other Animals					
Frogs	49	685	78		763
Opossum			19		19
Pigeon	14	18			18

ASSURANCE STATEMENTS

- Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures
- This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official)

I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)

Print)

DATE SIGNED

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SIGNATURE

18

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

All redactions on this page are pursuant to (b)(6) & (b)(7)(c).

CONTINUATION SHEET FOR ANNUAL REPORT
OF RESEARCH FACILITY
:(TYPE OR PRINT)

1. REGISTRATION NO. 42-R-0004

FORM APPROVED OMB NO. 0579-0036

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA include Zip Code)

Animal Care Unit University of Iowa 400 Medical Laboratories Iowa City, IA 52242

NOV 2 9 2000

ph# 319/335-7985

PORT OF ANIMALS USED BY C	R UNDER CONTROL OF	RESEARCH FACILITY	(Attach adiditional sheets if nec	essary or use this form.)	
Animals Covered By The Animal Wellare Regulations 12. & OR 13. Other (Ust by species)	8. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	The state of the s	TOTAL NO OF ANIMAI (Cols. C D + E)
Gecko	13	36			36
Ferret		130	10		140
					1
					_
				·	
<u> </u>					
ASSURANCE STATEMENTS					

- 1). Professionally acceptable standards governing the care, treatment, and use of animals, including approxiate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2). Each principal investigator has considered alternatives to painful procedures.
- 3). This lacility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4). The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIAL
(Chief Executive Officer or Legally Responsible Institutional Official)

| Certify that the above is true, correct, and complete (7 U.S.C. Section 2143).

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL TTYPE OF PRINT

DATE SIGN

11/27!

Arnual Report Site Listing:

Gustomer ID and Site Address:

Cust ID: 1576

400 Medical Lab lowa City, IA 52242 County: Johnson Telephone (319)335-7985

Facility Locations:

College of Medicine:

- Bowen Science Building
- Medical Laboratories
- Oakdale

College of Liberal Arts:

- Biology Department
- Psychology Department

This report is required by law (7 USC 2143). Failure to report according to the regulations can result than order (A cease and desist and to be subject to penalties as provided for in Section 21

See attached form for additional information. Interagency Report Control No.: 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE

1. CERTIFICATE NUMBER: 42-R-0005

ANIMAL AND PLANT HEALTH INSPECTION SERVICE

(TYPE OR PRINT)

CUSTOMER NUMBER: 1577

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

Atten: Animal tacilit Drake University 2507 University Ave.

OCT 19 _uc_

Telephone: NOV 13 400 (515)271-4933

Des Moines, IA 50311

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary) Hal FACILITY LOCATIONS (Sites) - See Atached Listing Hnimal REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS Form 7023A) C. E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving Number of Number of Number of animals upon which experiments, animals being animals upon accompanying pain or distress to the animals and for teaching, research, which teaching, bred. TOTAL NUMBER research, experiments, or surgery, or tests were conducted involving which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the Animals Covered conditioned, or OF ANIMALS held for use in By The Animal tests were accompanying pain or procedures, results, or interpretation of the teaching, teaching, testing, Welfare Regulations distress to the animals (COLUMNS research, experiments, surgery, or tests, (An experiments. conducted involving no pain, and for which explanation of the procedures producing pain or distress research, or C + D + Esurgery but not distress, or use appropriate anesthetic in these animals and the reasons such drugs were not analgesic, or used must be attached to this report). yet used for such of pain-relieving tranquilizing drugs were purposes. drugs. used. 4. Dogs 5. Cats 6. Guinea Pigs 7. Hamsters 8. Rabbits 9. Non-human Primates 0. Sheep 1. Pias 2. Other Farm Animals 3. Other Animals

ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual esearch, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official)

I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)

Print)

DATE SIGNED 101

SIGNATURE

See attached form for additional information Interagency Report Control No.: 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

All redactions on this page are pursuant to (b)(6) & (b)(7)(c).

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

1. CERTIFICATE NUMBER: 42-R-0011

CUSTOMER NUMBER: 1627

FORM APPROVED OMB NO. 0579-0036

Luther College 700 College Dr

0CT 30 2000

Telephone: (319)387-1559

Decorah, IA 52101

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites) - See Atached Listing

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS Form 7023A)						
A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report).	F. TOTAL NUMBER OF ANIMALS (COLUMNS C + D + E)	
4. Dogs					0	
5. Cats					0	
6. Guinea Pigs					0	
7. Hamsters					0	
8. Rabbits	0	挺〇	# 12	0	12	
9. Non-human Primates					0	
0. Sheep					0	
1. Pigs					0	
2. Other Farm Animals					0	
3. Other Animals					0	
		-				
		1				

ASSURANCE STATEMENTS

- Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions. this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

SIGN			DATE SIGNED
			10/24/21
APHIS FORM 7923	(Replaces VS FORM/18-23 (OCT 88), which is	obsolete.)	

(AUG 91)

Annual Report Site Listing:

Customer ID and Site Address:

Cust ID: 1627

700 Collage Dr Decorah, IA 52101 County: Winneshiek Telephone (319)387-1117

Interagency Report Control No. 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. CERTIFICATE NUMBER: 42-R-0016

CUSTOMER NUMBER: 1579

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

All redactions on this page are pursuant to (b)(6) & (b)(7)(c)

Mercy Med Center-Sioux City 801 5th St

Telephone:

(712)279-2156

Sioux City, IA 51102

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites) - See Atached Listing

Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or bests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report).	F. TOTAL NUMBER OF ANIMALS (COLUMNS
4. Dogs	0	6	0	0	6 .
5. Cats	0	0	0	0	0
6. Guinea Pigs	0	0	0	0	0
7. Hamsters	0	0	0	0	0
8. Rabbits	0	0	, 0	0	0
9. Non-human Primates	0	0	0	0	0
0. Sheep	0	0	0	0	0
1. Pigs	0	0	0	0	0
2. Other Farm Animals	0	0	0	0	0
3. Other Animals	0	0	0	0	0

ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of aniestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions. this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL

DATE SIGNED

APHIS FORM 7023

(Replaces VS FORM 18-23 (OCT 88), which is obsolete.)

(AUG 91)

eport Site Listing:

ID and Site Address:

5/9

, IA 51101 loodbury Telephone (712)279-2156

Perry Creek Animal Hospital Inc.

510-W 19th St. Sioux City, IA 51104

See attached form for additional information.

1580

Interagency Report Control No.: 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

All redactions on this page are pursuant to (b)(6) & (b)(7)(c)

1. CERTIFICATE NUMBER: 42-R-0019

CUSTOMER NUMBER:

OMB NO. 057

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY
(TYPE OR PRINT)

<u>B-I/Noblinc</u>. Boehringer Ingelheim Vetmedica, Inc. 1568 N Main Ave

Telephone:

(712)722-4696

Sioux Center, IA 51250

FACILITY LOCATIONS (Sites) - See Atached Listing

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, cheld for use in teaching, test experiments, research, or surgery but myet used for s purposes.	which teaching, research, or experiments, or tests were conducted involving no pain, of distress, or use	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analyesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report).	F. TOTAL NUMBER OF ANIMALS (COLUMNS C + D + E)
4. Dogs					,
5. Cats					
6. Guinea Pigs		178			178
7. Hamsters					
8. Rabbits		30			30
9. Non-human Primates					1
0. Sheep					
1. Pigs					
2. Other Farm Animals					
3. Other Animals					
					\
					1

ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, pnor to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL

(Chief Executive Officer or Legally Responsible Institutional Official)

I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)

readily that the above is true, correct, and complete (7 0.3.0. Section 2143)

DATE SIGNED

APRIS FORM 702

(Replaces VS.FORM 18-23 (OCT 88), which is obsolete.)

sting:

Telephone (712)722-4696

)

This report is required by law (7 USC 2143). Failure to report according to the regulations can result in an order to cease and desist and to be subject to penalties as provided for in Section 21

See attached form for additional information. interagency Report Control No.: 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 42-R-0024
CUSTOMER NUMBER: 1581

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY
(TYPE OR PRINT)

St Luke's Reg Med Ctr 2720 Stone Park Blvd

Telephone:

MOV 3

(712)277-1581

Sioux City, IA 51104

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites) - See Atached Listing

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS Form 7023A)					
A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report).	F. TOTAL NUMBER OF ANIMALS (COLUMNS C + D + E)
4. Dogs					
5. Cats			0		0
6. Guinea Pigs					
7. Hamsters					
8. Rabbits					
9. Non-human Primates					
0. Sheep					
1. Pigs					
2. Other Farm Animals					
3. Other Animals					
i					

ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official) I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)						
SIGNATU		L OFFICIAL (Type or Print)	DATE SIGNED 10/31/08			
APHIS FO			/ /			
(AUG 91)			0			

0

See attached form for additional information.

Interagency Report Control No.: 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

All redactions on this page are pursuant to (b)(6) & (b)(7)(c).

ANNUAL REPORT OF RESEARCH FACILITY
(TYPE OR PRINT)

1. CERTIFICATE NUMBER: 42-R-0026 CUSTOMER NUMBER: 1582

FORM APPROVED OMB NO. 0579-0036

30

Kirkwood Comm College 6301 Kirkwood Blvd Sw

Telephone:

(319)398-5609

Cedar Rapids, IA 52406

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites) - See Attached Listing

A. Animals Covered By The Animal Welfare Regulations	В.	Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C.	Number of enimals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D.	Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.		E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the enimals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report).	F. TOTAL NUMBER OF ANIMALS (COLUMNS C+D+E)
4. Dogs				2		79		E .	81
5. Cats				7		<i>3</i> 0		-	27
6. Guinea Pigs				7					7
7. Hamsters				8					8
8. Rabbits						Ψ	T		Ý
9. Non-human Primates									
0. Sheep									
1. Pigs									
2. Other Farm Animals									
3. Other Animals			T		-		\dagger		
Ferrets				5					5

ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, basching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

	CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official) I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)		
SIGN		t)	DATE SIGNED
			11/27/00

This report is required by law (7 USC 2143). Failure to report according to the regulations can result in an order to cease and desist and to be subject to penalties as provided for in Section 21

UNITED STATES DEPARTMENT OF AGRICULTURE

ANIMAL AND PLANT HEALTH INSPECTION SERVICE

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

See attached form for additional information.

Interagency Report Control No.: 0180-DOA-AN

1. CERTIFICATE NUMBER: 42-R-0027

FORM APPROVED OMB NO. 0579-0036

CUSTOMER NUMBER: 1583

Midland Bioproducts Corp

Telephone:

OCT 10 200

(515)432-5516

Boone, IA 50036

800 Snedden Dr

FACILITY LOCATIONS (Sites) - See Atached Listing

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

Animals Covered	S. Number of animals being	C. Number of	D. Number of animals upon		F.
By The Animal Weifare Regulations	bred, conditioned, or held for use in teaching, teating, experiments, research, or surgery but not yet used for such purposes.	animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilitzing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report).	TOTAL NUMBE OF ANIMALS (COLUMNS C + D + E)
I. Dogs					
5. Cats					
. Guinea Pigs					
7. Hamsters					
3. Rabbits					
). Non-human Primates					
0. Sheep					
1. Pigs					
2. Other Farm Animals	· · · · · · · · · · · · · · · · · · ·				
Goats	. 89	879			879
3. Other Animals					
Chickens		18			18

ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
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- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official)
I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)

> DATE SIGNED 10/4/200

This report is required by law (7 USC 2143). Failure to report according to the regulations can in an order to cease and desist and to be subject to penalties as provided for in Section 21

See attached form for additional information.

1617

Interagency Report Control No.: 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. CERTIFICATE NUMBER: 42-R-0029

CUSTOMER NUMBER:

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

Elmira Biologicals Inc. 5514 Elmira Rd Ne

Telephone:

(319)643-2275

NOV 6 2000

Iowa City, IA 52240

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites) - See Atached Listing

REPORT OF ANIMALS	USED BY OR UNDER O	CONTROL OF RESEAR	RCH FACILITY (Attach addition	al sheets if necessary or use APHIS Form 7023A)	
A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report.).	F. TOTAL NUMBER OF ANIMALS (COLUMNS C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters					
8. Rabbits	3	0			0
9. Non-human Primates					
0. Sheep	52	58			58
1. Pigs					
2. Other Farm Animals					
Goats	3	19			19
3. Other Animals					
ASSURANCE STATEMENT	•	<u> </u>	<u> </u>		

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
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	CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official) I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)		
SH		int)	DATE SIGNED 10/30/00
AP((AUG 91)			N/

Annual Report Site Listing:

Customer ID and Site Address:

Cust ID: 1617

5514 Elmira Rd Ne lowa City, IA 52240 County: Johnson Telephone (319)643-2275

This report is required by law (7 USC 2143). Failure to report according to the regulations can result in an order to cease and desist and to be subject to penalties as provided for in Section 21

See attached form for additional information Interagency Report Control No.: 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE

1. CERTIFICATE NUMBER: 42-R-0030

FORM APPROVED

ANIMAL AND PLANT HEALTH INSPECTION SERVICE

CUSTOMER NUMBER: 1624

OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

Veterinary Resources Po Box 866

Telephone:

WJ: 10 ...

(515)233-2349

Ames, IA 50010

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites) - See Atached Listing

Animals Covered By The Animal Welfare Regulations Animals Covered By The Animal Experiments, or conducted involving accompanying pain or teaching, testing, experiments, or distress to the animals Conducted involving transplant or procedures, results, or interpretation of the teaching, experiments, conducted distress to the animals Conducted involving procedures, results, or interpretation of the teaching, experiments, surgery, or tests. (An COLUMN	REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS Form 7023A)									
5. Cats 6. Guinea Pigs 7. Hamsters 8. Rabbits 9. Non-human Primates 9. Sheep 1. Pigs 2. Other Farm Animals C	Animals Covered By The Animal	В.	animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such	C.	animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving	D.	which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were	E.	research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not	F. TOTAL NUMBER OF ANIMALS (COLUMNS C + D + E)
6. Guinea Pigs 7. Hamsters 8. Rabbits 9. Non-human Primates 0. Sheep 1. Pigs 2. Other Farm Animals C	4. Dogs				18					18
7. Hamsters 8. Rabbits 9. Non-human Primates 0. Sheep 1. Pigs 2. Other Farm Animals C	5. Cats									C
8. Rabbits C 9. Non-human Primates C 1. Pigs C 2. Other Farm Animals C C C C C C C C C C C C C C C C C C C	6. Guinea Pigs									C
9. Non-human Primates 0. Sheep 1. Pigs 2. Other Farm Animals	7. Hamsters									O
0. Sheep C: 1. Pigs C: 2. Other Farm Animals C:	8. Rabbits									C,
1. Pigs 2. Other Farm Animals	9. Non-human Primates									0
2. Other Farm Animals	0. Sheep									C:
2. Other Farm Animals	1. Pigs									0
3. Other Animals	2. Other Farm Animals									
3. Other Animals										
	3. Other Animals									0
						1				
						1		-		

ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
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- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

	CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official) I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)	
SIGN		DATE SIGNED
APHIS		

(AUG 91)

This report is required by law (7 USC 2143). Failure to report according to the regulations can result in an order to cease and desist and to be subject to penalties as provided for in Section 21

UNITED STATES DEPARTMENT OF AGRICULTURE

ANIMAL AND PLANT HEALTH INSPECTION SERVICE

See attached form for additional information. Interagency Report Control No.: 0180-DOA-AN

1. CERTIFICATE NUMBER: 42-R-0031

FORM APPROVED OMB NO. 0579-0038

NOV 2 4 2000

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

Trans Ova Genetics 2938 380th St

Telephone:

Sioux Center, IA 51250

CUSTOMER NUMBER: 1653

(712)722-3586

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites) - See Atached Listing

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS Form 7023A)					
A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, backing, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report).	F. TOTAL NUMBER OF ANIMALS (COLUMNS C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters					
8. Rabbits					
9. Non-human Primates					
0. Sheep					
1. Pigs					
2. Other Farm Animals					
Cattle	56	33	44		73
3. Other Animais					

ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
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- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official) I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)

APHIS FORM 7023

(Replaces VS FORM 18-23 (OCT 88), which is obsolete.)

(AUG 91)

All redactions on this page are pursuant to (b)(6) & (b)(7)(c). This report is required by law (7 USC 2143). Failure to report according to the regulations can

NOV 24 ZUUU

See attached form for additional information.

Interagency Report Control No.: 0180-DOA-AN

result in an order to cease and desist and to be subject to penalties as provided for in Section 21

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 42-R-0032

CUSTOMER NUMBER: 1751

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

Human Gene Therapy Res 1415 Woodland Ave Ste 218 NOV 13 700

Telephone: (515)241-8787

(***/-

Des Moines, IA 50309

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

HUMAN GENE Therapy Research INSTFACILITY LOCATIONS (Sites) - Soe Atached Listing 1415 Wood and Avenue, Des Moines, 1A 50309

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary)

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing experiments, research, or surgery but not yet used for sucpurposes.	conducted involving no pain, distress, or use	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report).	TOTAL NUMBER OF ANIMALS (COLUMNS C + D + E)
4. Dogs		Ø			D
5. Cats		Ø			Ø
6. Guinea Pigs		78			78
7. Hamsters		Ø			Ø
8. Rabbits		B			Ø
9. Non-human Primates		Ø			Ó
0. Sheep		Ø			Ø
1. Pigs		Ø			Ĺ
2. Other Farm Animals		- Ø			B
3. Other Animals		ģ			Ĺ

ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of aniestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report, in addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

	CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official) [Certify that the above is true correct and complete (7.11.5 C. Section 2143.)]		
SIGNATURE OF C.E.		pe or Print)	DATE SIGNED
			11-6-00
APHIS FORM 7023			
(AUG 91)			